Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 14 Oct 2023 until 23:59 on Sunday 15 Oct 2023

Forecast Issued on Saturday 14 Oct 2023 at 04:02

Confidence: High for a transition to much colder and fresher conditions this weekend and for increasingly sunny/clear skies from Sunday with lighter winds. Moderate for shower detail today.

Headline for Saturday 14 Oct 2023: Sunshine and showers, perhaps wintry at height. Rather breezy and feeling colder.

Mountain weather hazards on Saturday 14 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Heavy rain showers	Heavy rain showers	Light rain showers	Light rain showers (night)	Partly cloudy (night)
Precipitation probability					
70%	70%	70%	60%	40%	20%

Forecast for Saturday 14 Oct 2023

Weather: There will be a mix of bright or sunny spells and cloudier periods with scattered showers. The showers, some with hail and a low risk of thunder, will be heavier and more frequent in the west. Showers ease through the late afternoon with skies clearing in the east. Feeling colder. Generally light winds at low-levels but occasionally breezy at higher elevations.

Chance of cloud-free hill tops above 600m: 80% in the west and 100% in the east.

Low cloud and visibility: Excellent visibility outside of cloud with distant hills clearly visible. Visibility briefly falling to moderate or poor in showers. Cloud bases infrequently lowering to 600m with the heaviest showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 14 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/20 NW	17/21 W	16/22 W	16/22 W	14/19 W	11/16 W	11/17 W
300	11/14 W	12/15 W	13/18 W	12/17 W	10/16 W	10/15 W	8/13 W
Valley	6/16 NW	7/13 W	9/17 W	8/16 W	6/15 W	5/14 W	4/12 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	4/-1	4/-1	4/-1	3/-2	2/-2	2/-3
300	6/2	6/3	6/3	6/3	5/2	5/2	4/1
Valley	6/4	7/5	8/5	7/5	6/4	5/3	4/2
Freezing Level*	1000m	900m	1000m	1000m	900m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Recent heavy rain is likely to result in many wet or slippery surfaces, with some lower watercourses likely above usual volumes. There is a risk of severe wind chill across the highest summits and routes. Showers could quickly deteriorate visibilities, becoming locally poor, although this should be short-lived.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 14 Oct 2023	N/A	N/A	N/A

Forecast for Sunday 15 Oct 2023

Weather: Dry and largely clear but cold overnight with some frost forming in valleys and on higher routes. Some patchy cloud developing on western slopes for a time. During the day, mostly sunny with winds falling light. Remaining fine and clear through the evening.

Maximum wind: Northwesterly 10-15mph, with gusts up to 20mph.

Chance of cloud-free hill tops above 600m: Generally greater than 95%, but 80% in the west during the early hours of Sunday.

Low cloud and visibility: Widely excellent visibility with distant hills clearly visible. Visibility locally poor or very poor early Sunday in any early cloud on western slopes.

Temperature: **Valleys:** Around Zero Celsius rising to plus 10 Celsius.
At 600m: Plus 0 Celsius rising to plus 4 Celsius.
Freezing level: Above summits.

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